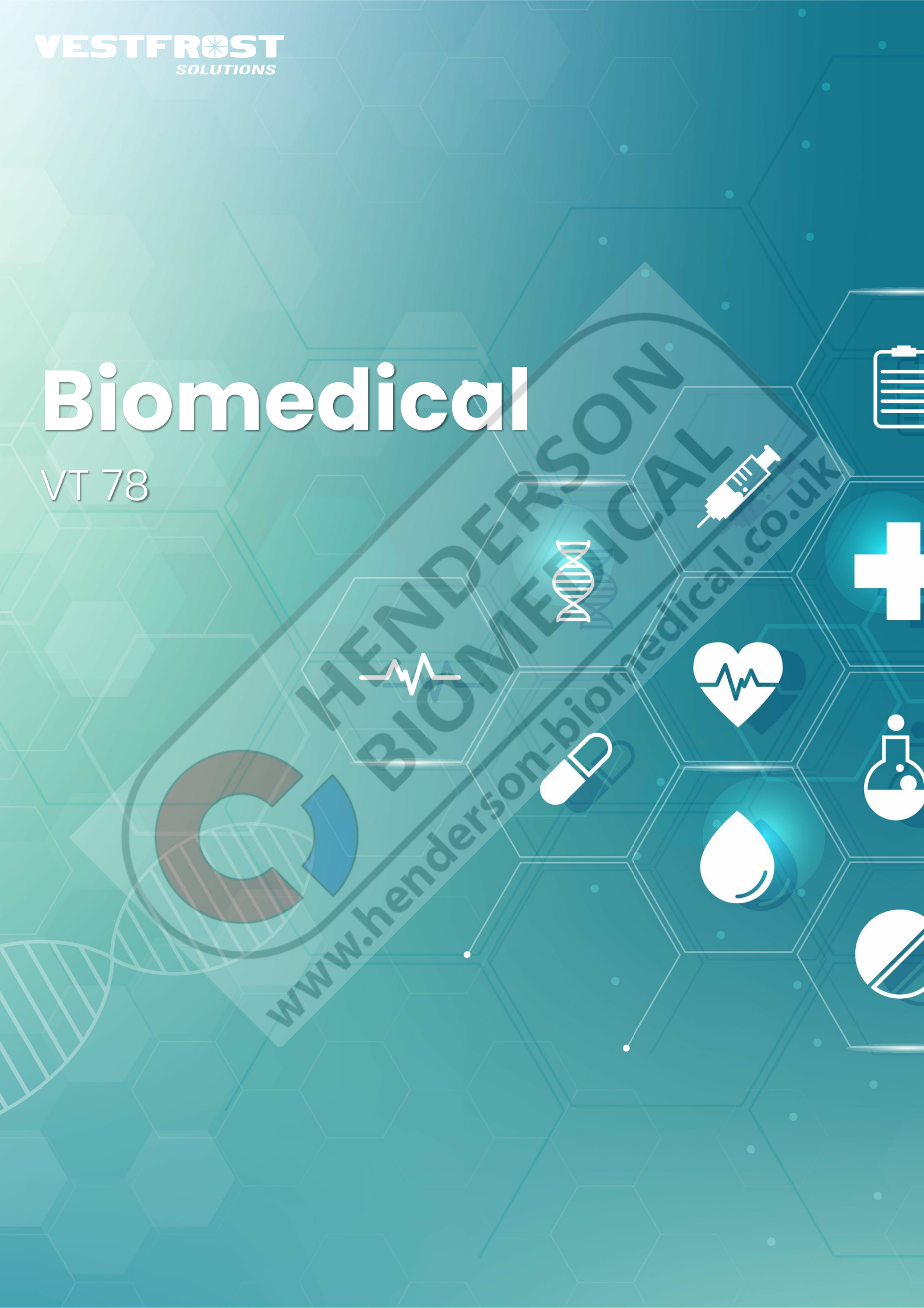


Biomedical

VT 78



VT 78

Ultra Low Temperature Freezer -86°C

The VT low temperature freezers creates the possibility to maintain temperatures as low as -86°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals. Nature R refrigerant, cyclopentane insulation combined with recyclable materials make the freezers extremely eco-friendly.

- 🏆 **Plug & Play**
- 🏆 **Energy Efficient**
- 🏆 **Contact for Remote Alarm**



VT 78 | Gallery



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Construction	Value
Dimension	870x555x555 mm
Dimension inner	466x387x387 mm
Weight	50 / 45 gross/net
Package weight	N/A kg
Material inner cabinet	Painted steel Kg. gross/net
Material outer cabinet	Painted steel Kg. gross/net
Insulation thickness	80 mm
Type of packaging	Wooden box
Mobility	4 x Castors with brakes

VT 78 |

Storage ULT	Value
Volume	74 / 71 Gross/net
Cryoboxes "2	N/A
2 ml vials	N/A

VT 78 |

Features	Value
Lock	✓
LED light	—
Battery backup	✓
Porthole	✓
Porthole size	12 mm
Dry contact	✓
Door reversibility	—
Vacuum valve	—
VIP (Vacuum Insulated Panel)	—

VT 78 |

Alarms	Value
High / Low temperature	✓
Open door	—
Power failure	✓
Probe failure	✓

VT 78 |

Test	Value
Voltage	220-240 V
Frequency	50 Hz
Max ambient	N/A °C
Max Humidity	N/A %
Test condition	20

VT 78 |

Operation	Value
Temperature range	-20 to -86 °C
Uniformity in performance	N/A °C
Pull down time (from test condition to fabric setpoint)	105 Minutes
Hold over time (from fabric SP to 10) empty	45 Minutes
Noise	N/A dB
Energy 24 hours	5,1 kWh/24h
Energy year	1856,7 kWh/anno
Instant Power Consumption	N/A kW
Heat Rejection	N/A W
K-Value	N/A W/m ² k

VT 78 |

Cooling components	Value
Refrigerant/amount	Nature R / 121g Type & gram
Number of compressors	1
Variable speed compressor	—
Internal air distribution (Type)	Static
Number of probes	1
Defrost	—

VT 78 |

Controller	Value
Controller	Dixell
Controller type	XR30CX
USB Connection	No
Data connection	No
Controller abilities	N/A
Controller languages	Digits
Log numbers	N/A
Temperature graph in controller	—



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LABORATORY EQUIPMENT MAINTENANCE, REPAIR, CALIBRATION AND SALES

Established in 1987, Henderson Biomedical is the UK's leading laboratory equipment sales and service provider. Our knowledgeable team can provide you with excellent sales advice on a range of different types of laboratory equipment including centrifuges, refrigerators, freezers and heat sealers.

Henderson Biomedical is also able to provide you with first class after-sales service and calibration of your laboratory equipment. We are an **ISO 17025 (UKAS) accredited calibration test laboratory** and our team of Field Service Engineers cover the whole of the United Kingdom.

Please contact us for more information on the types of equipment we supply and the different after-sales services we can offer.

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